



Minnesota Pollution Control Agency (MPCA) compliance audit checklists are designed to assist businesses and MPCA staff with the interpretation of Minnesota's environmental laws and rules. Because the laws and rules are numerous and often complicated, this checklist cannot be a complete guide to all your compliance obligations. If you have questions about the checklist, your obligations, or its conditions that you discover as you complete this evaluation, please contact:

Small Business Environmental Assistance Program (SBEAP)
651-282-6143 or 1-800-657-3938
<http://www.pca.state.mn.us/programs/sbap-sectors.html>

Nonmetallic Air Permit

Date of Audit: _____

Company Name: _____

Authorized
Representative Name: _____ Title: _____

Your feed material moisture content must be greater than or equal to 1.5 percent at each of your non-metallic stationary sources. You must demonstrate moisture compliance at each of your stationary sources by using American Society for Testing and Materials (ASTM) method D2216-05 or method D 4643-93 (or its equivalent).

1. Do you demonstrate moisture compliance of greater than or equal to 1.5 percent at each of your stationary sources by using American Society for Testing and Materials (ASTM) method D2216-05 or method D 4643-93 (or its equivalent) to test each of your various aggregate stock piles or mining sites?

- ☐ **YES** We do demonstrate moisture compliance of greater than or equal to 1.5 percent at each of your stationary sources by using American Society for Testing and Materials (ASTM) method D 4643-93 (or its equivalent) to test each of your various aggregate stock piles or mining sites? Continue on to the next question.
- ☐ **NO** We do not demonstrate moisture compliance of greater than or equal to 1.5 percent at each of your stationary sources by using American Society for Testing and Materials (ASTM) method D 4643-93 (or its equivalent). *This is a deviation and must be recorded on the NM-DRF form.* Continue on to the next question.

You must keep records of each moisture content test used, results, date, time, and initials of person performing test. Test weekly, when operating, unless three consecutive tests at the stationary source location show moisture contents of greater than or equal to 1.5 percent after which testing is no longer required unless the feed material changes.

2. Do you keep records of each moisture content test used, results, date, time, and initials of person performing test and test weekly, when operating, unless three consecutive tests at the stationary source location show moisture contents of greater than or equal to 1.5 percent?

- ☐ **YES** We do keep **records** of each moisture content test used, results, date, time, and initials of person performing test and test weekly, when operating, unless three consecutive tests at the stationary source location show moisture contents of greater than or equal to 1.5 percent. Continue on to the next question.
- ☐ **NO** We do not keep records of each moisture content test used, results, date, time, and initials of person performing test and test weekly, when **operating**, unless three consecutive tests at the stationary source location show moisture contents of greater than or equal to 1.5 percent. *This is a deviation and must be recorded on the NM-DRF form.* Continue on to the next question.

When testing indicates that feed material moisture content is less than 1.5 percent and where the Permittee elects not to sample and test, the Permittee must operate a moisture addition device at or immediately prior to the initial crusher(s) or initial screen(s) where unprocessed feed material is being fed to achieve a moisture content greater than or equal to 1.5 percent.

3. When testing indicates that feed material moisture content is less than 1.5 percent and where you the Permittee elect not to sample and test, do you operate a moisture addition device at or immediately prior to the initial crusher(s) or initial screen(s) where unprocessed feed material is being fed to achieve a moisture content greater than or equal to 1.5 percent?

- ☐ **YES** We do **operate** a feed material moisture addition device at or immediately prior to the initial crusher(s) or initial screen(s) where unprocessed feed material is being fed. Continue on to the next question.
- ☐ **NO** We do not operate a feed material moisture addition device at or immediately prior to the initial crusher(s) or initial screen(s) where unprocessed feed material is being fed. *This is a deviation and must be recorded on the NM-DRF form.* Continue on to the next question.

Daily moisture addition during operation must continue until subsequent moisture content testing demonstrates that feed material moisture content is greater than or equal to 1.5 percent. Keep records of the moisture addition date, water flow rate, material throughput rate, and initials of the person making the record and the time the record was made. After increasing the water addition to insure a feed material moisture content of 1.5 percent or greater you must then re-test to verify.

4. When your feed material moisture content is not greater than or equal to 1.5 percent do you keep records of the moisture addition date, water flow rate, material throughput rate, and initials of the person making the record and the time the record was made?

- ☐ **YES** We do keep records of the moisture addition date, water flow rate, material throughput rate, and initials of the person making the **record** and the time the record was made. Continue on to the next question.
- ☐ **NO** We do not keep records of the moisture addition date, water flow rate, material throughput rate, and initials of the person making the record and the time the record was made. *This is a deviation and must be recorded on the NM-DRF form.* Continue on to the next question.

After increasing the water addition to insure a feed material moisture content of 1.5 percent or greater you must then re-test to verify.

5. Do you re-test to verify?

- ☐ **YES** We do **re-test** to verify. Continue on to the next question.
- ☐ **NO** We do **not** re-test to verify. *This is a deviation and must be recorded on the NM-DRF form.* Continue on to the next question.

When your feed material is being removed from below the water table, or from below the surface of a waterway (e.g., creek, river, lake), you must keep records indicating that the feed material is from below the surface of a waterway, or is recycled asphalt pavement. Records shall include a description of the source (if recycled asphalt pavement, so indicate), the corresponding dates, and the initials of the person making the record.

6. Do you keep the appropriate records indicating that the feed material is from below the surface of a waterway, or is recycled asphalt pavement?

- ☐ **YES** We do **keep** the appropriate records indicating that the feed material is from below the surface of a waterway, or is recycled asphalt pavement. This checklist is complete.
- ☐ **NO** We **do not** keep the appropriate records indicating that the feed material is from below the surface of a waterway, or is recycled asphalt pavement. *This is a deviation and must be recorded on the NM-DRF form.* This checklist is complete.